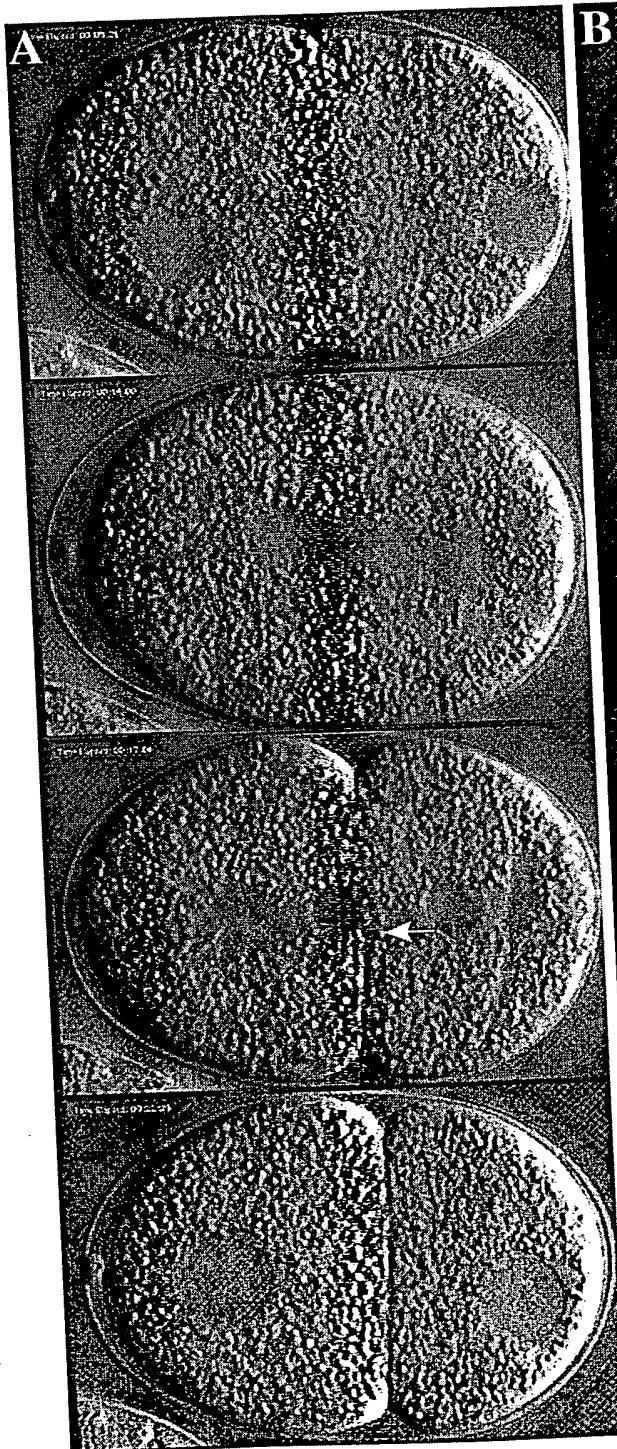


1/32

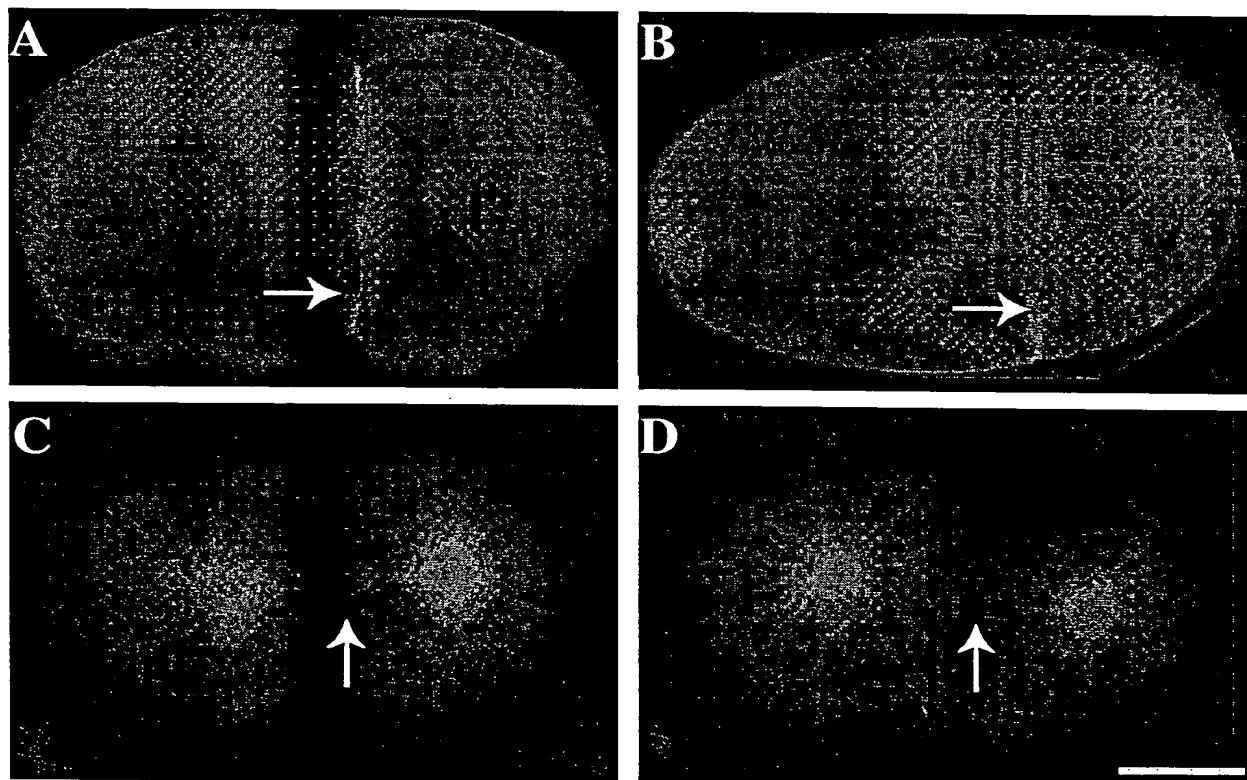
Fig. 1



2020-12-25 06:00:00

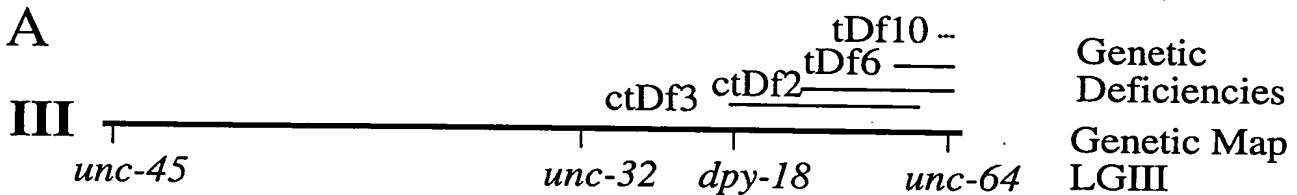
408790 = 2527860

2/32
Fig. 2

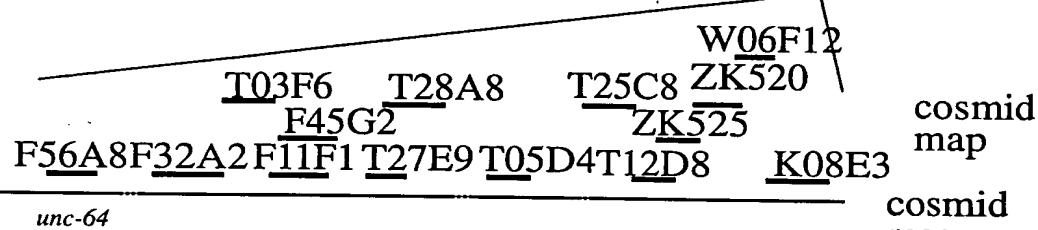


3/32
Fig. 3 A,B,C

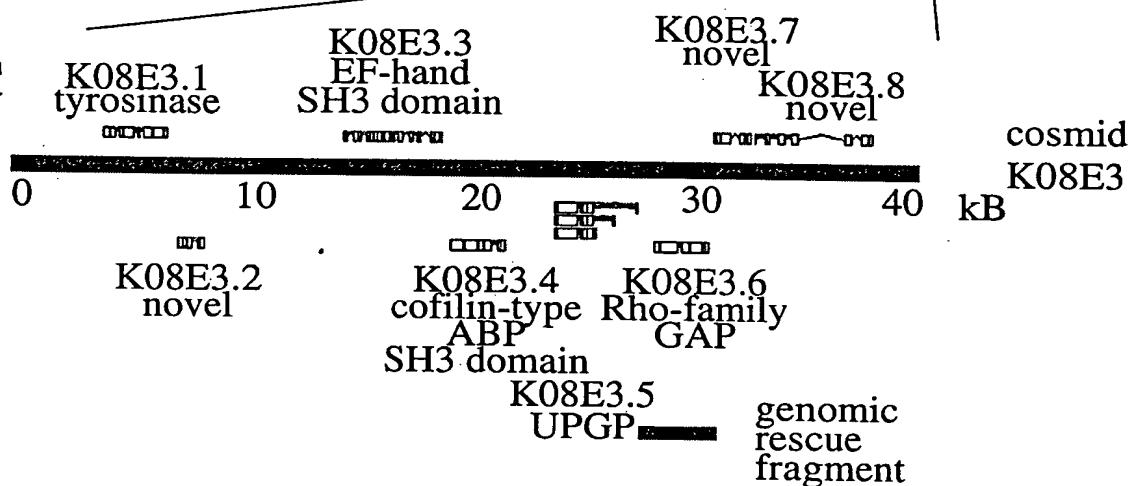
A



B

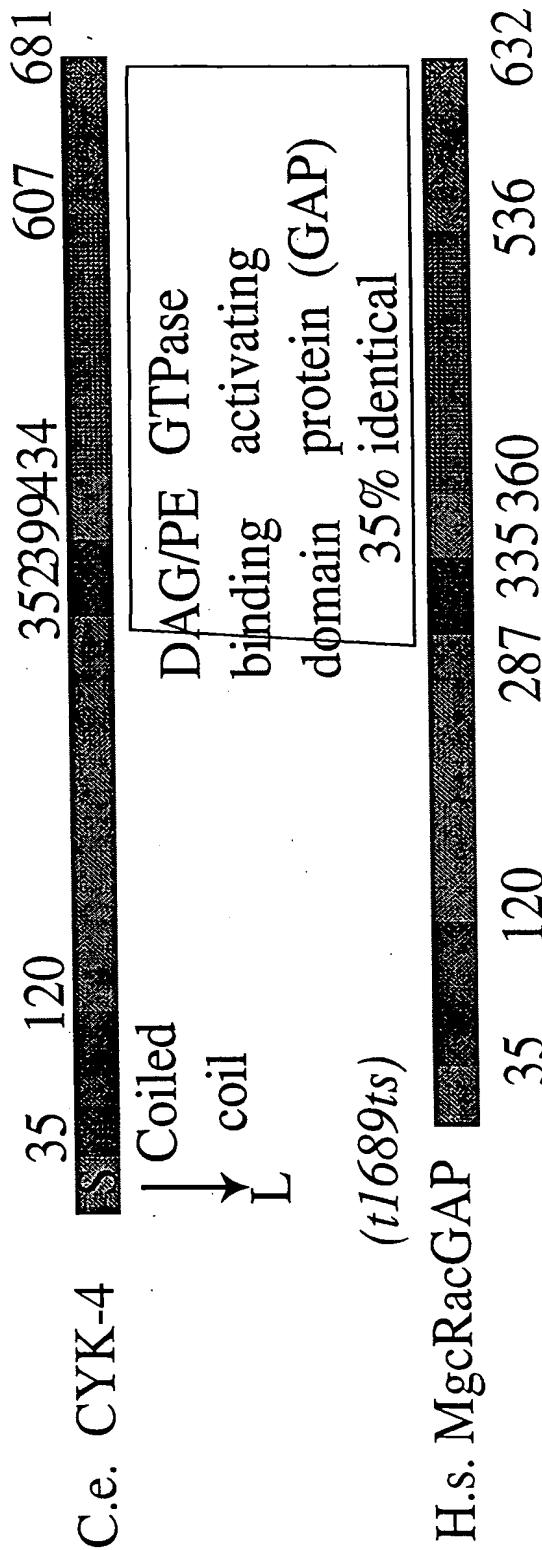


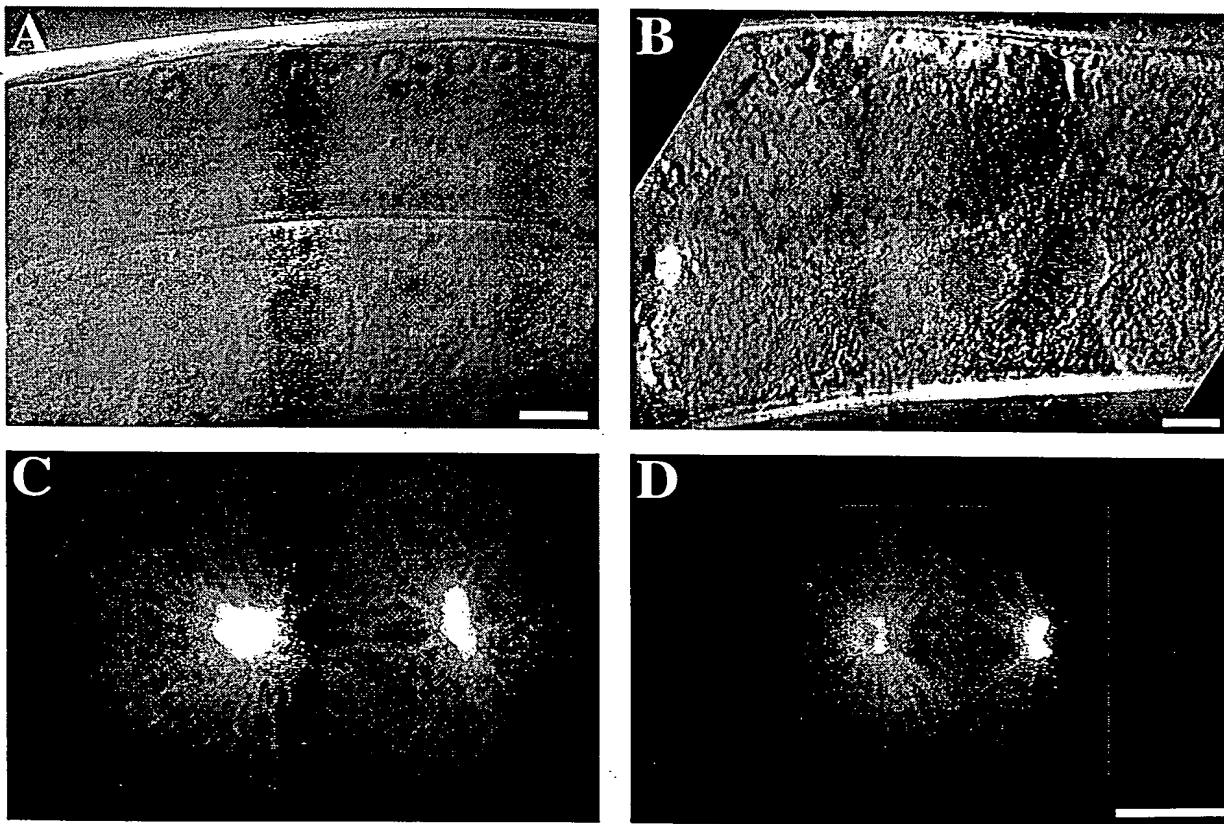
C



D

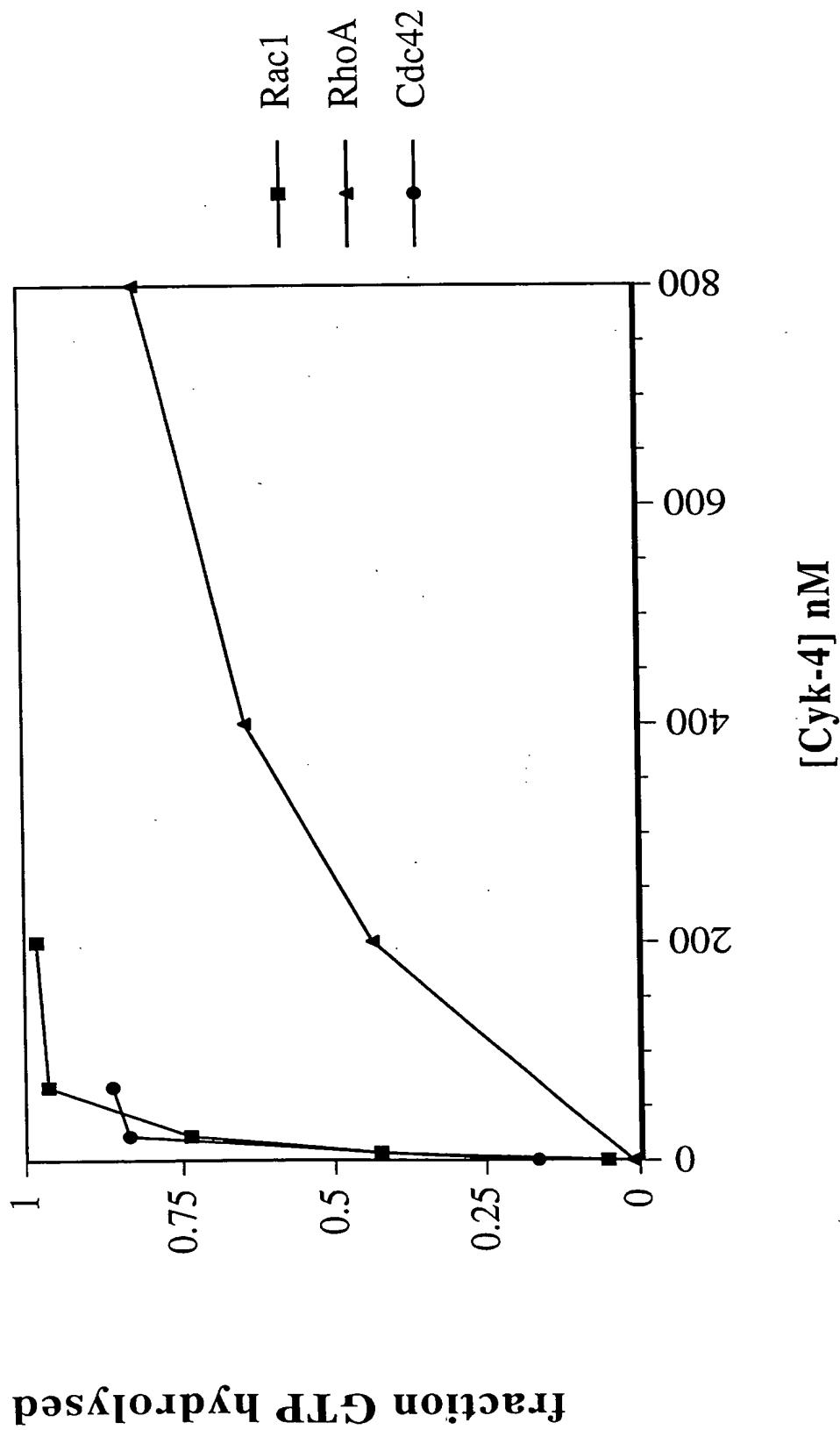
4/32
Fig. 3D



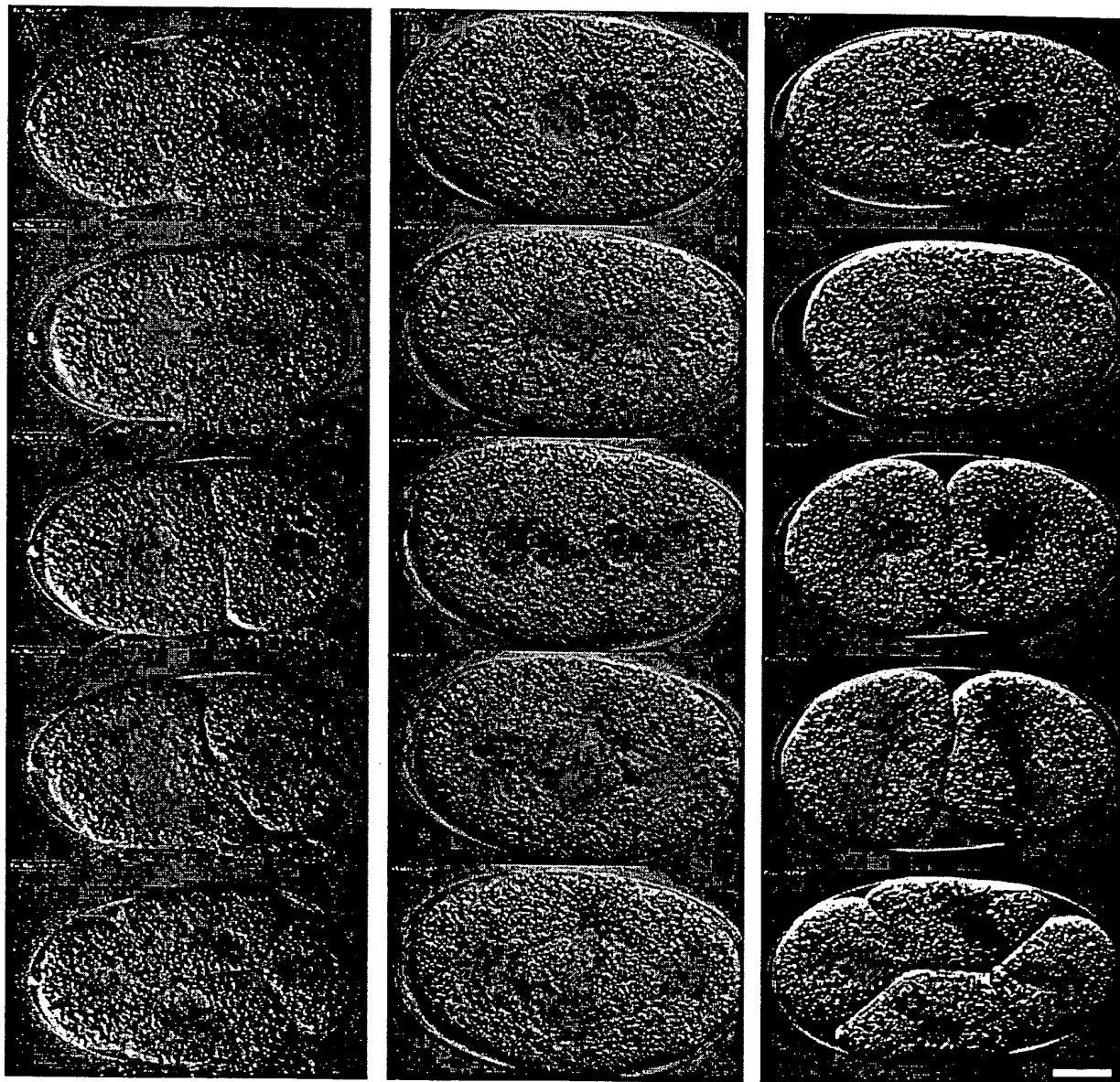
5/32
Fig. 4

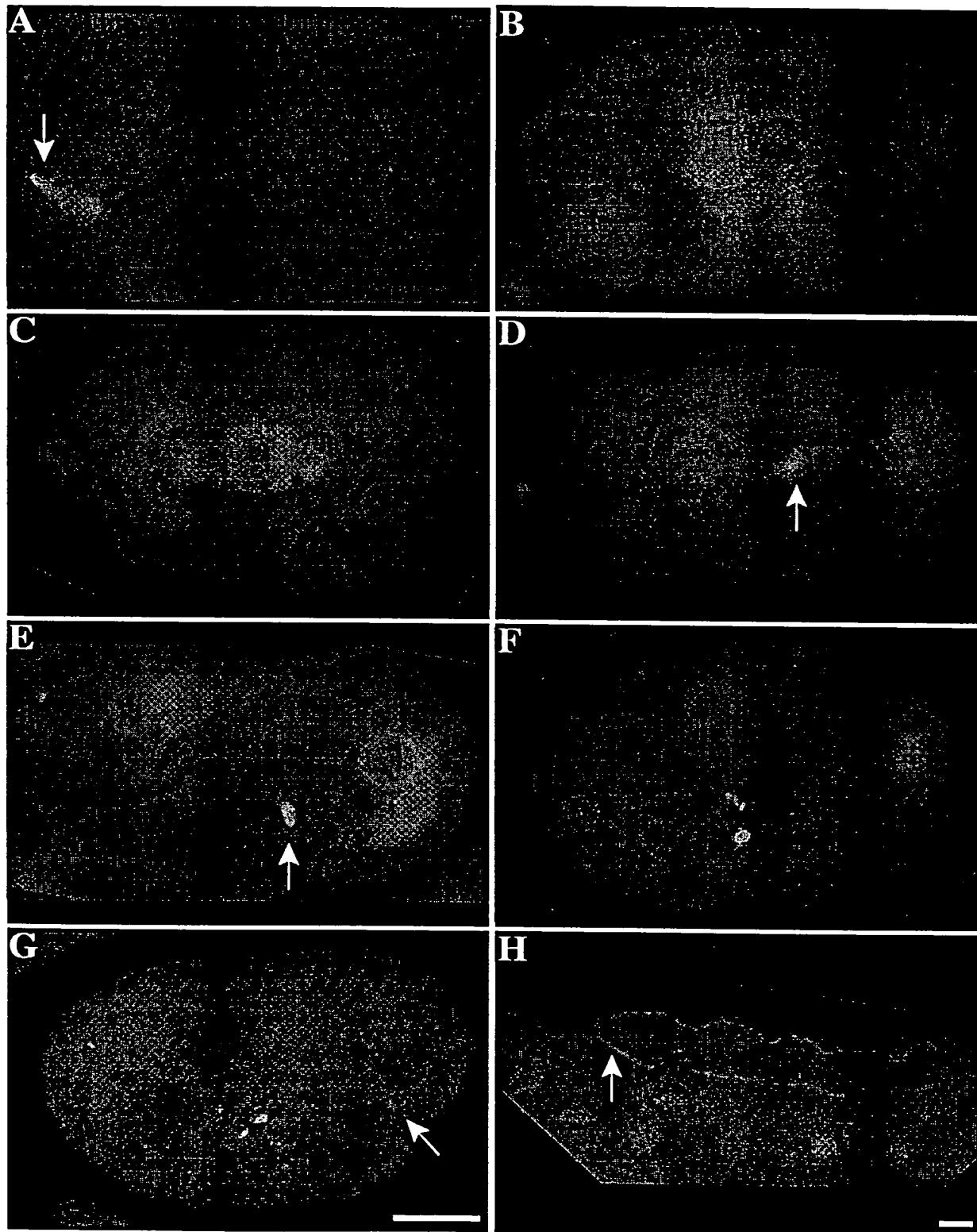
6/32
Fig. 5

Cyk-4 activated GTP hydrolysis



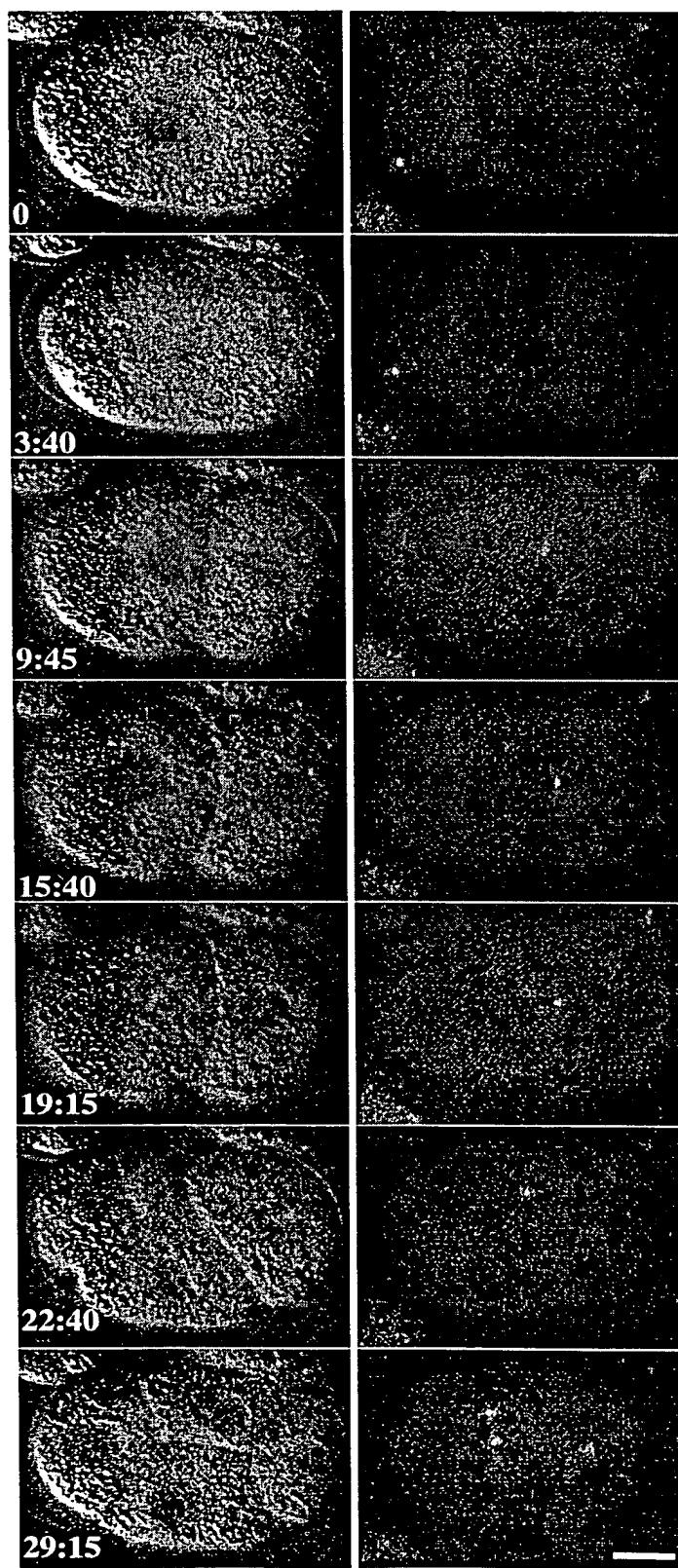
7/32
Fig. 6





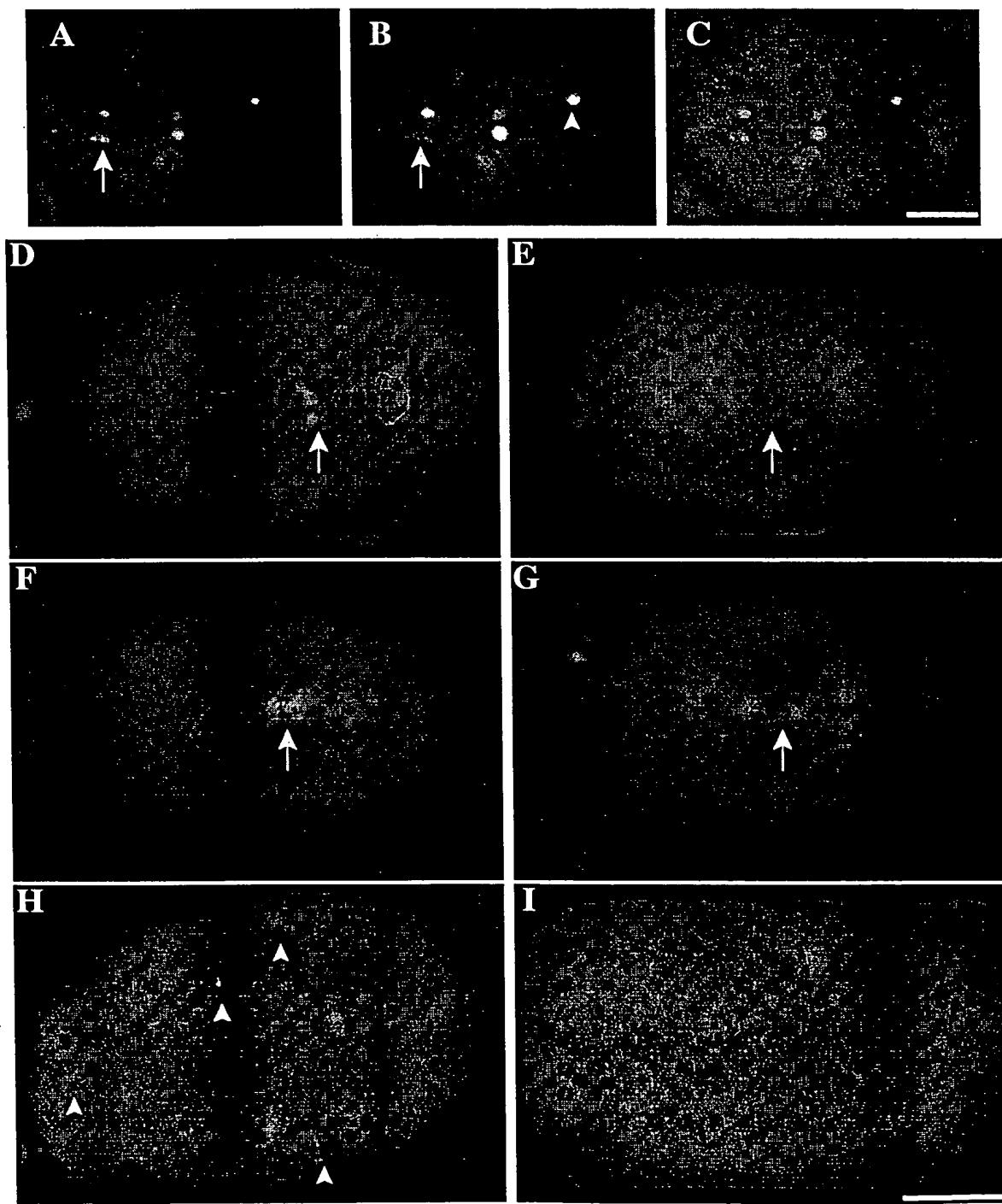
9/32

Fig. 8

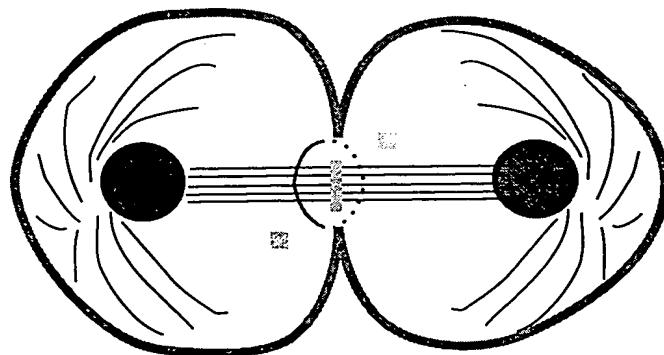
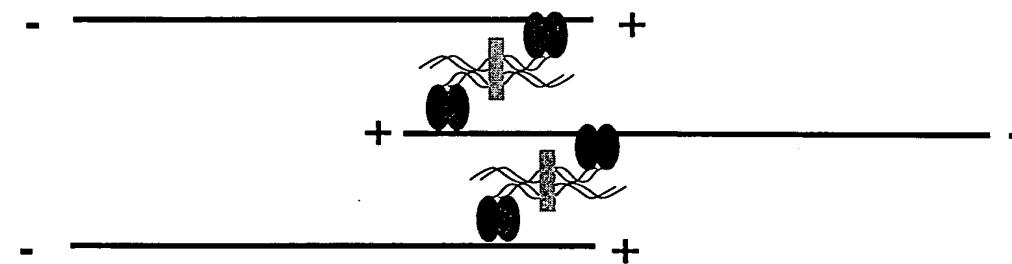
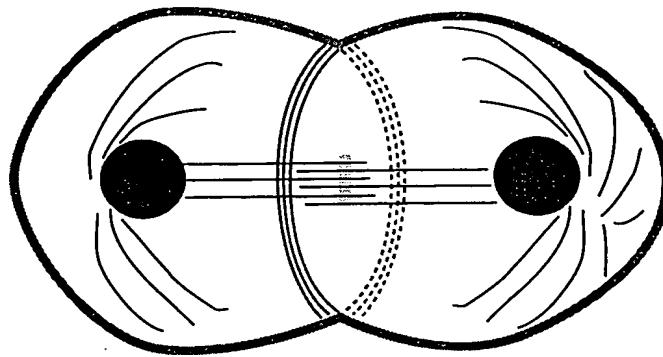


0 3:40 9:45 15:40 19:15 22:40 29:15

10/32
Fig. 9



00000000000000000000000000000000

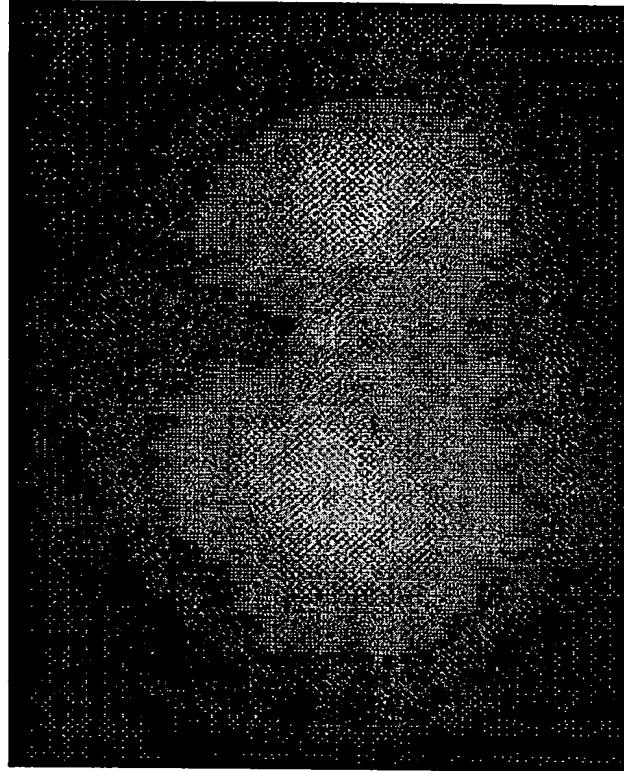


Zen-4/CeMklp1
homodimer

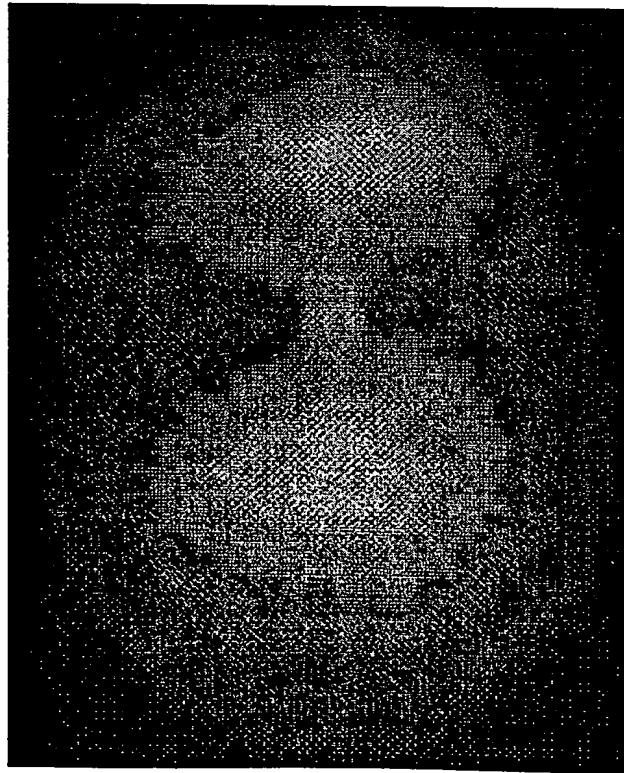
Cyk-4

12/32
Fig. 11

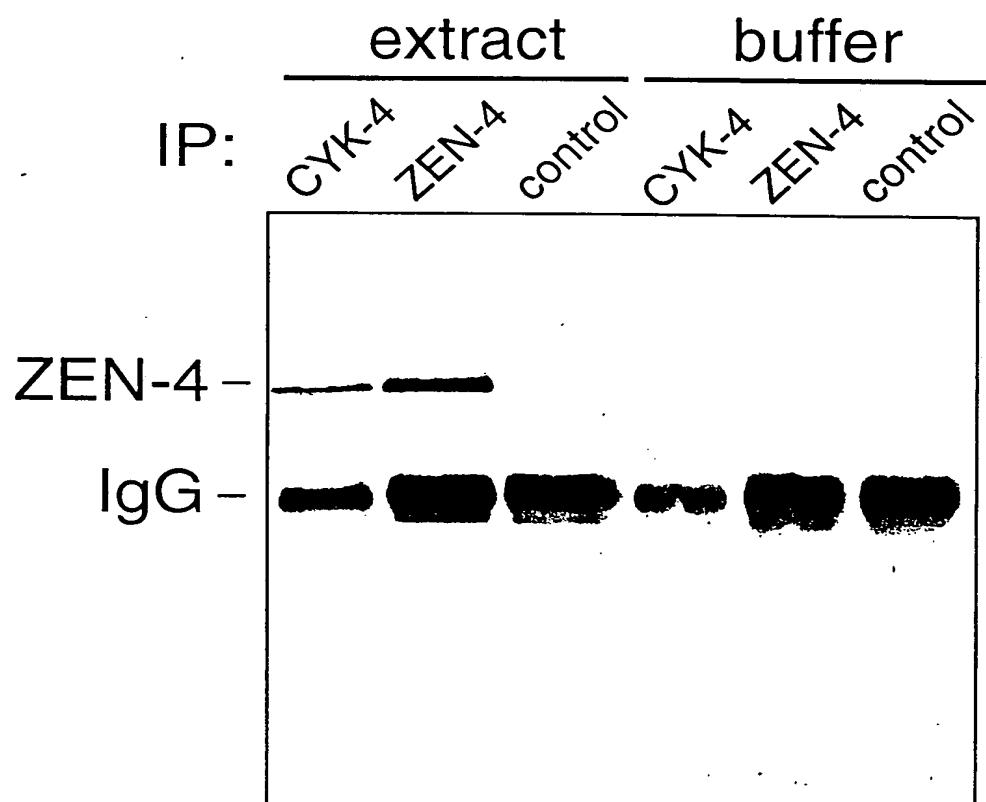
rhoA (RNAi)



wt

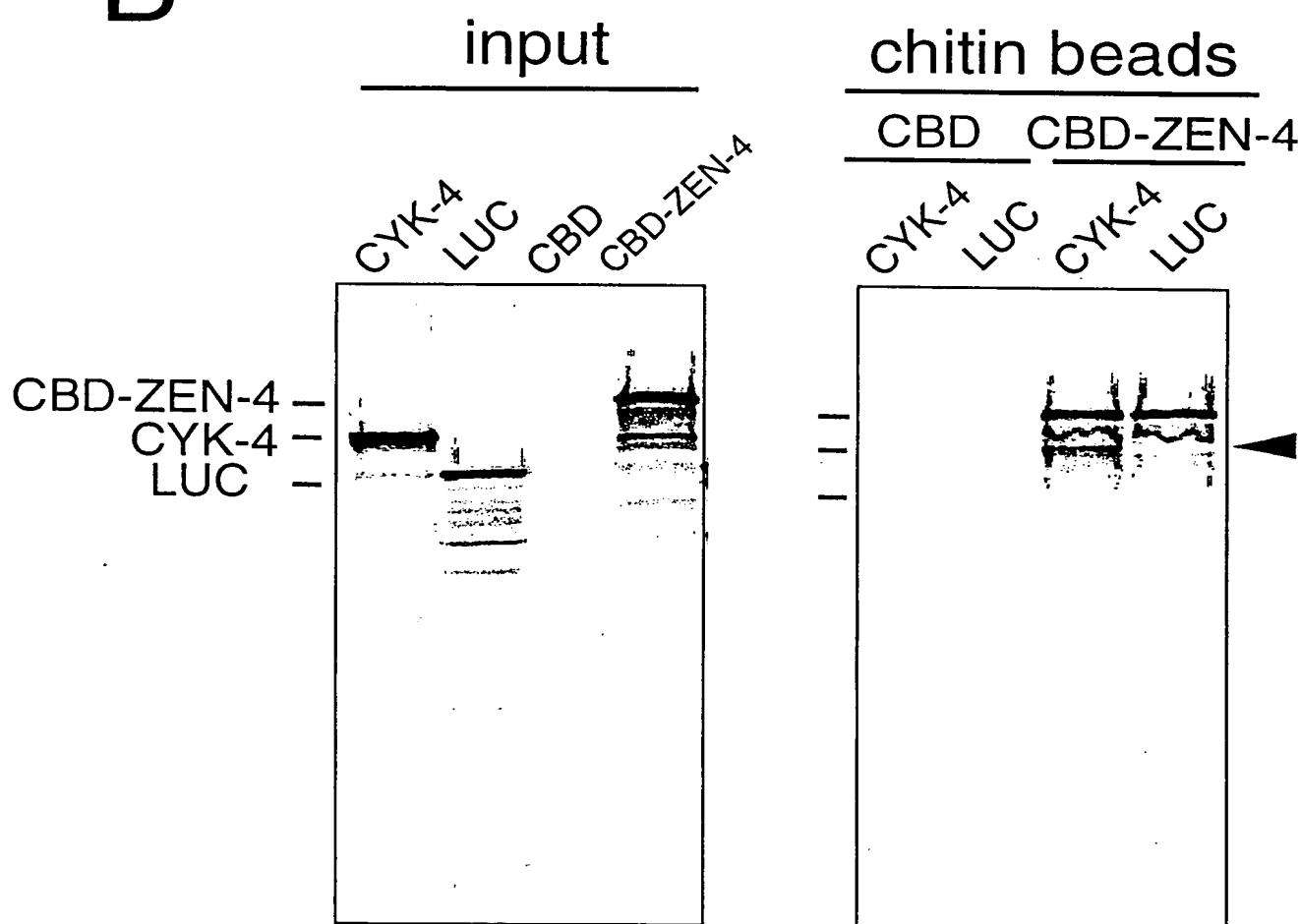


A

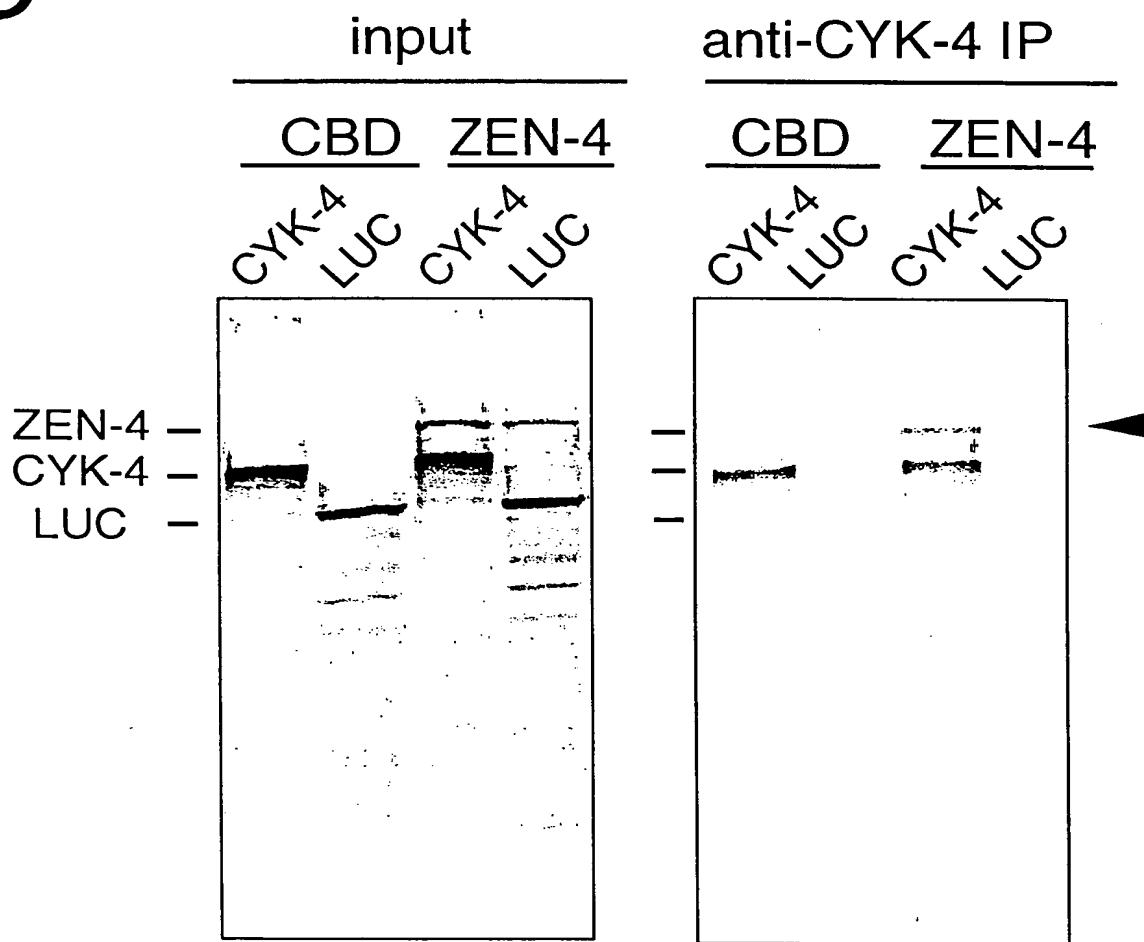


Blot: ZEN-4

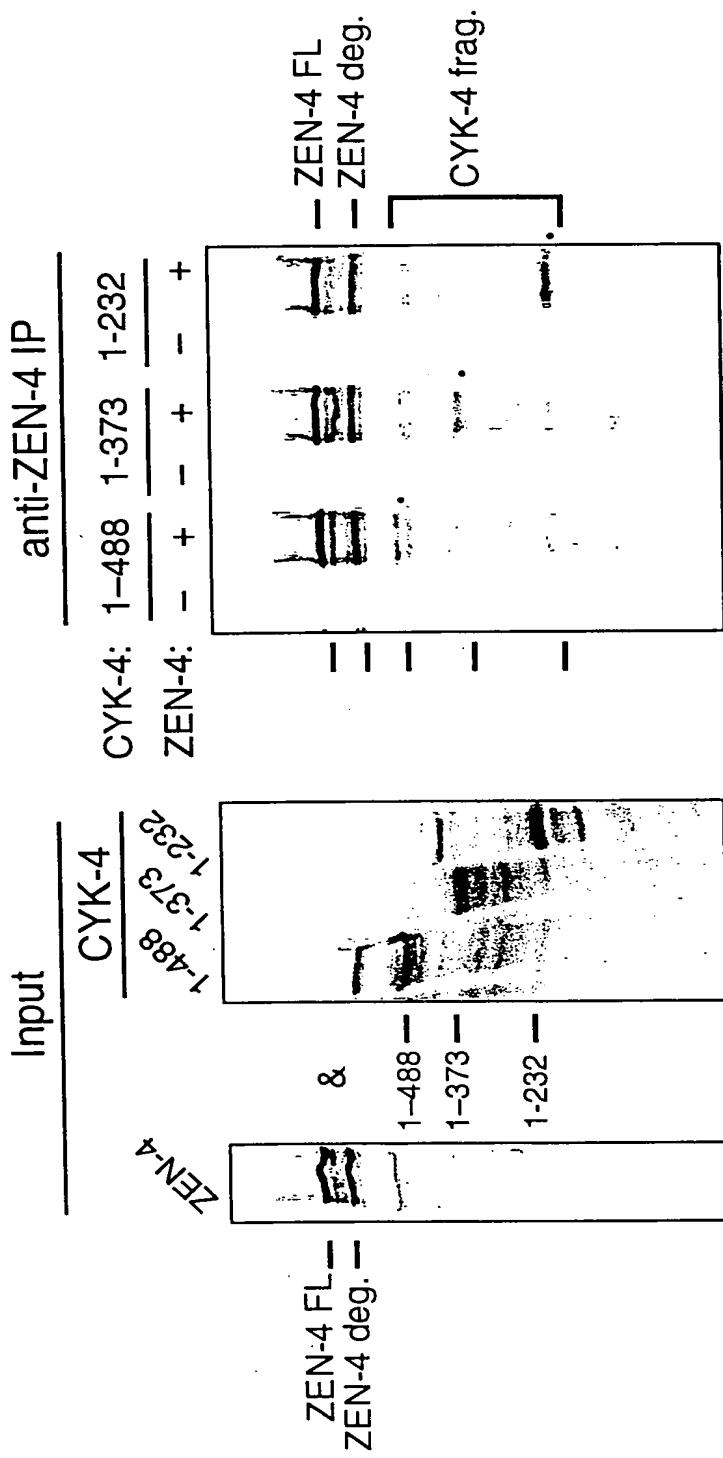
B



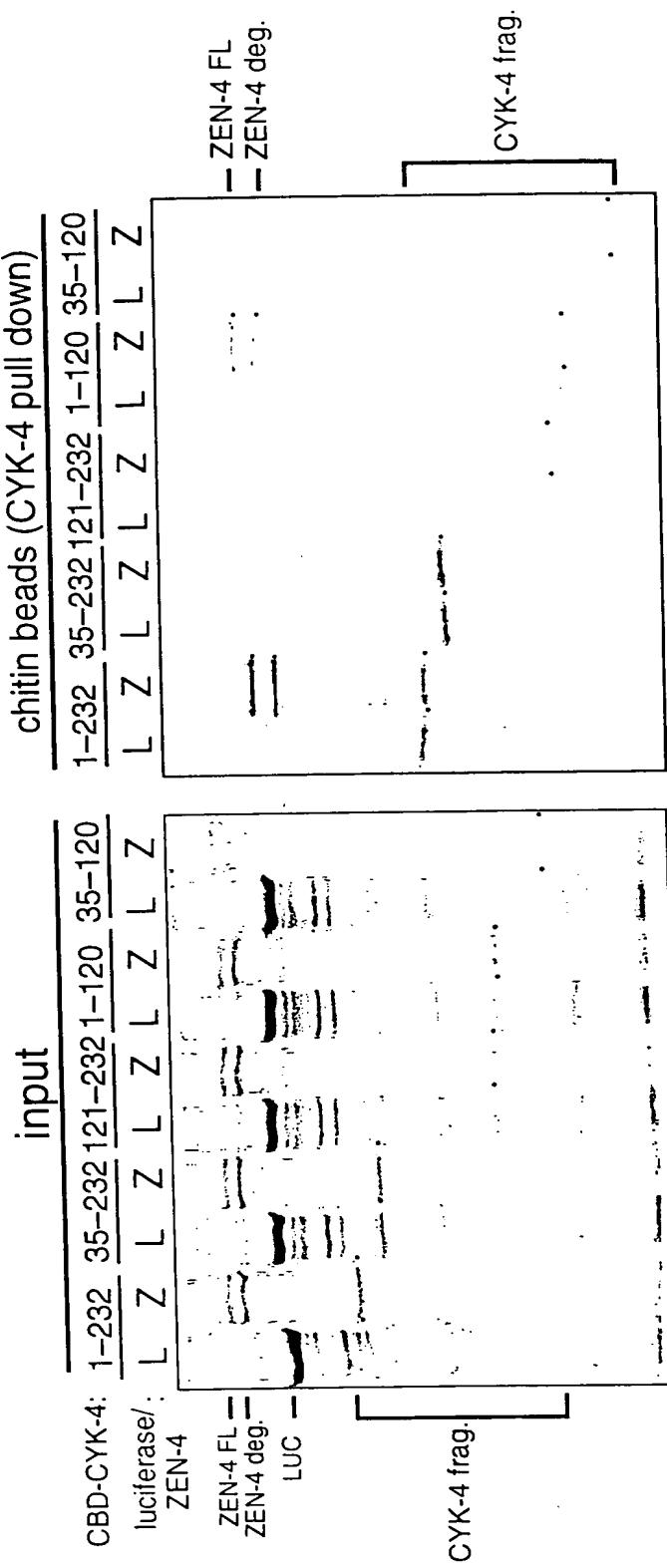
C



A

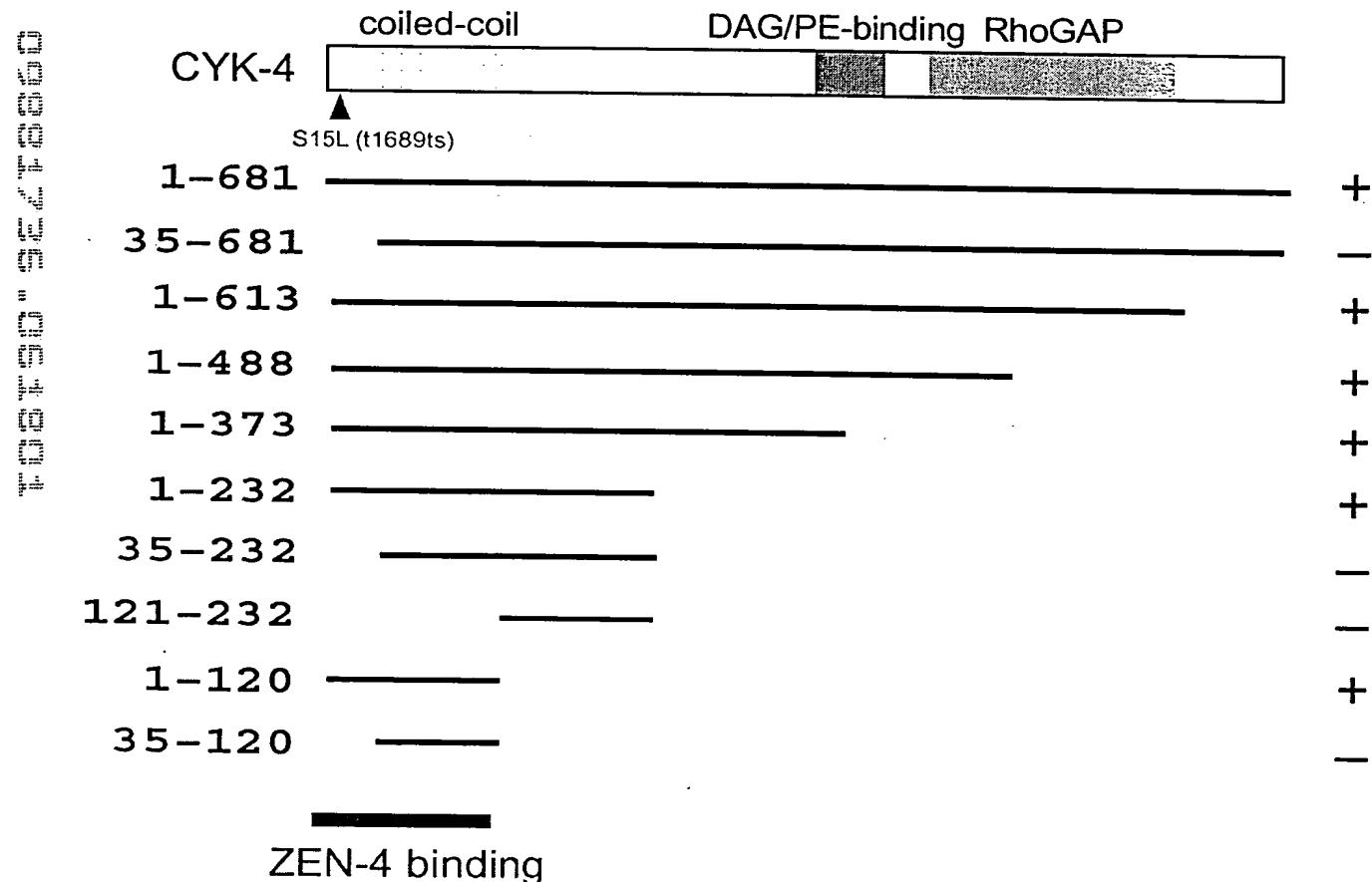


C

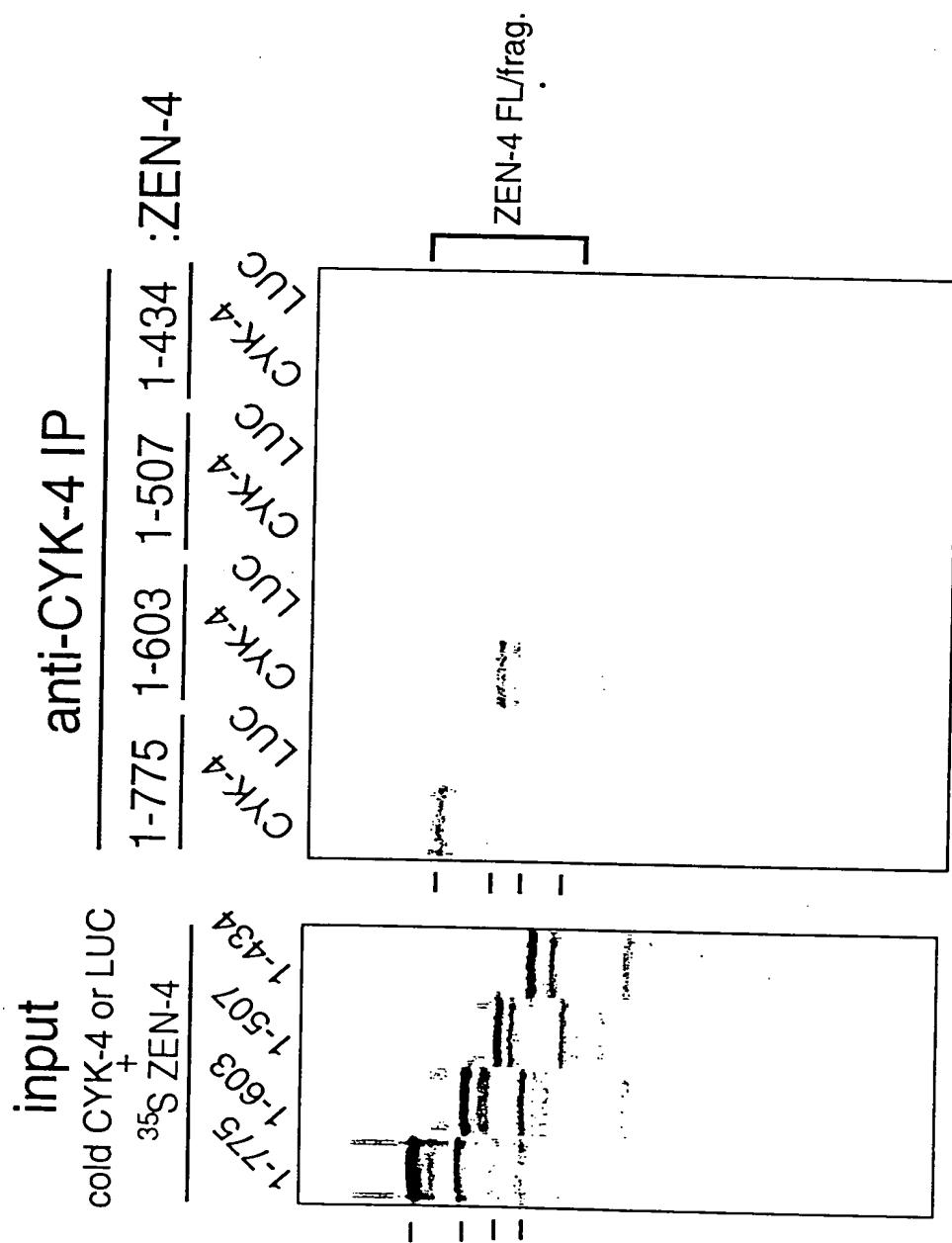


18/32
Fig. 13 C

D



A



2

卷之三

Input _____
chitin beads

35S CYK-4 (1-232) + cold CBD-ZEN-4 fragments

A vertical document page with a large rectangular redaction box at the top and a horizontal redaction bar at the bottom. The text "CYK-4 (1-232)" is printed vertically along the right edge.

21/32
Fig. 14 B

kinesin motor

coiled-coil

卷之三

1-775

1-603

1-507

1-434

435-775

503-775

604-775

435-603

435-507

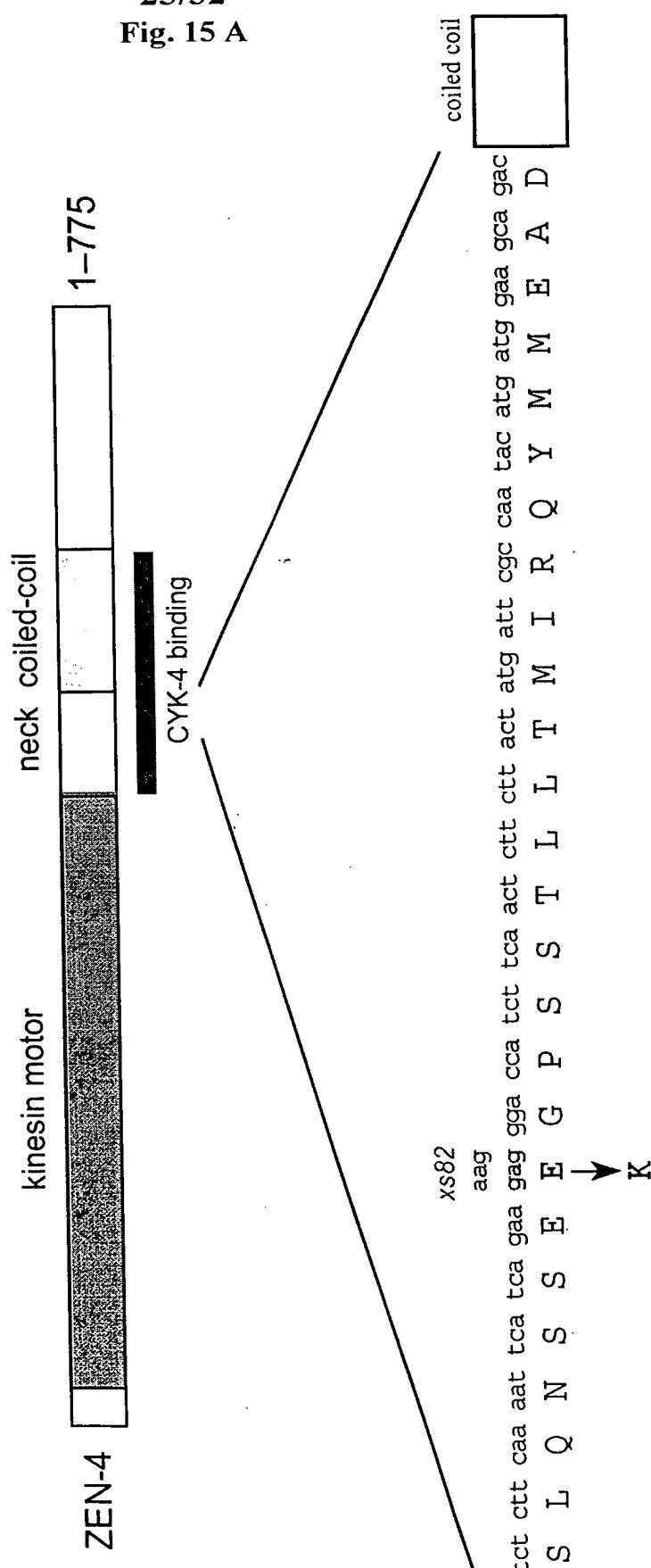
503-603

CYK-4 bindin

22/32

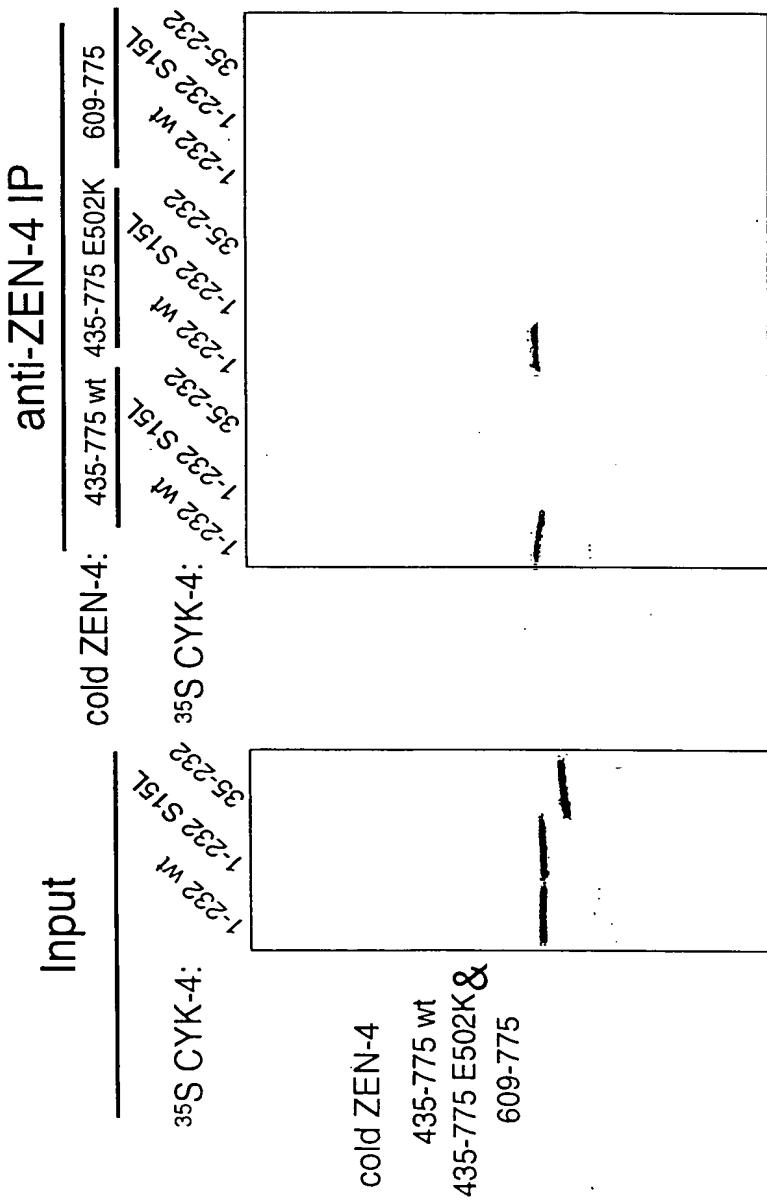
22/32
Fig. 14 C

23/32
Fig. 15 A

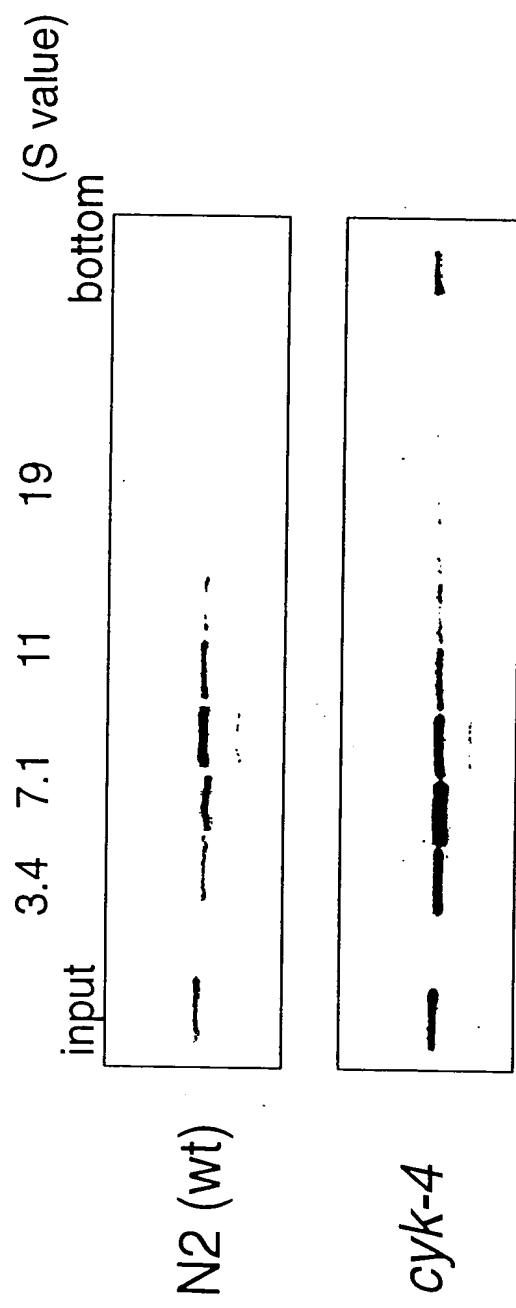


B

24/32
Fig. 15 B



C



blot: ZEN-4

4

卷之三

Input anti-CYK-4 IP

$$\begin{array}{r}
 \text{CYK-4:} \quad \underline{1-232} \quad - \\
 \text{CYK-4:} \quad \underline{-1-681-121-681} \quad - \\
 \hline
 \end{array}$$

anti-CYK-4 IP

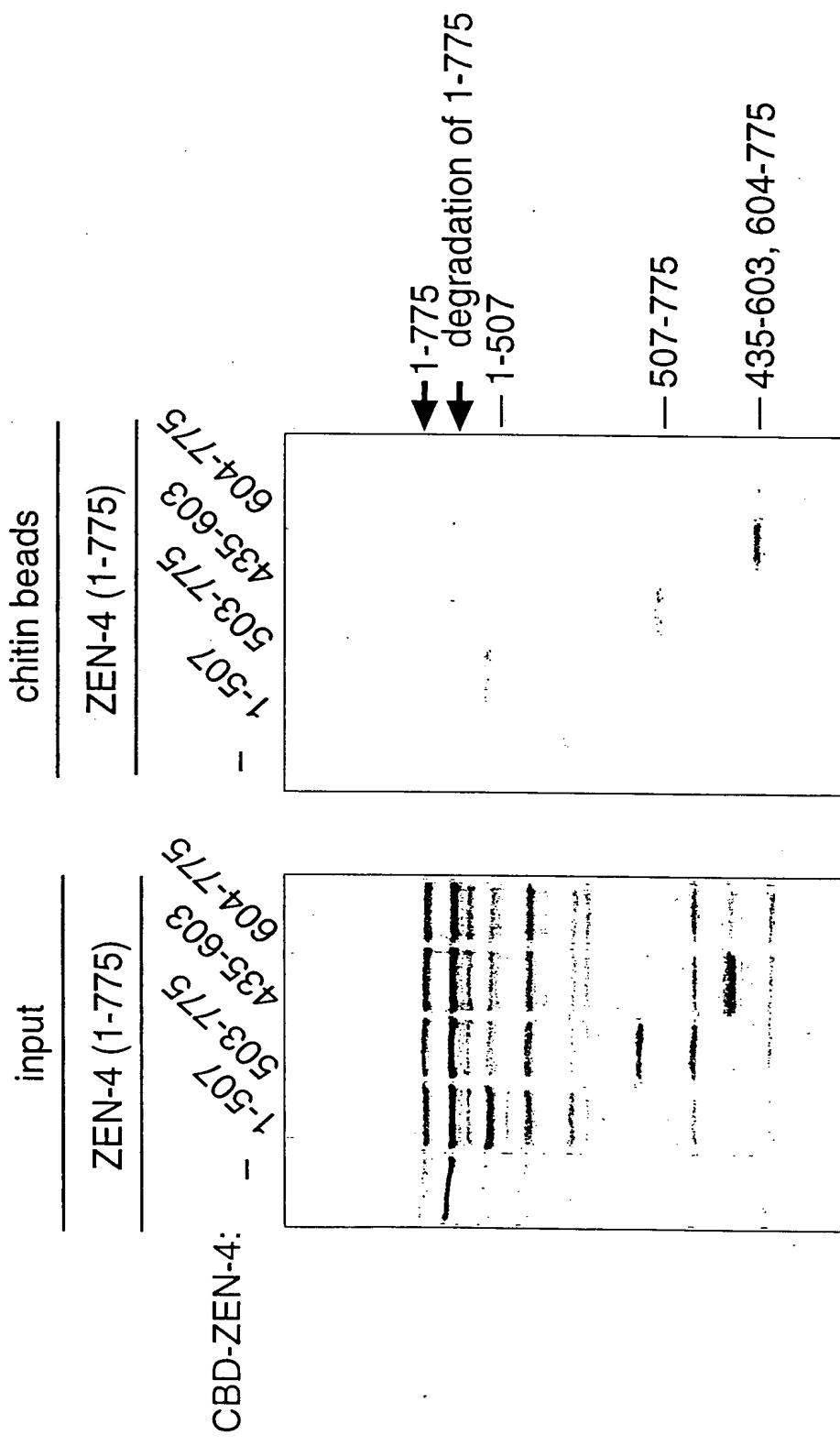
1-232

A high-contrast, black-and-white image showing a vertical line with a jagged, irregular shape extending from its top. The background is mostly white with some dark, scattered noise. The image is framed by a thick black border.

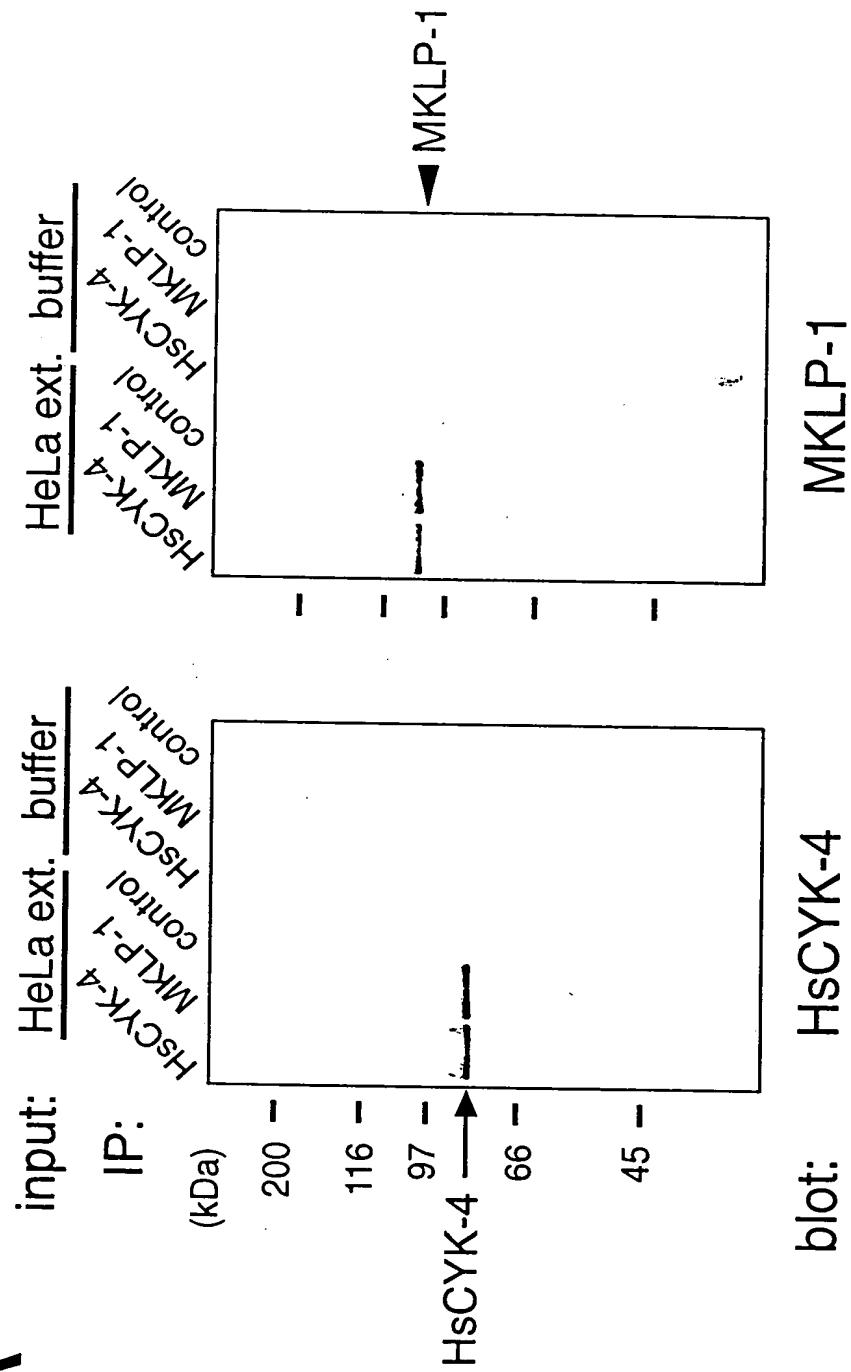
26/32
Fig. 16 A

*:degradation

B

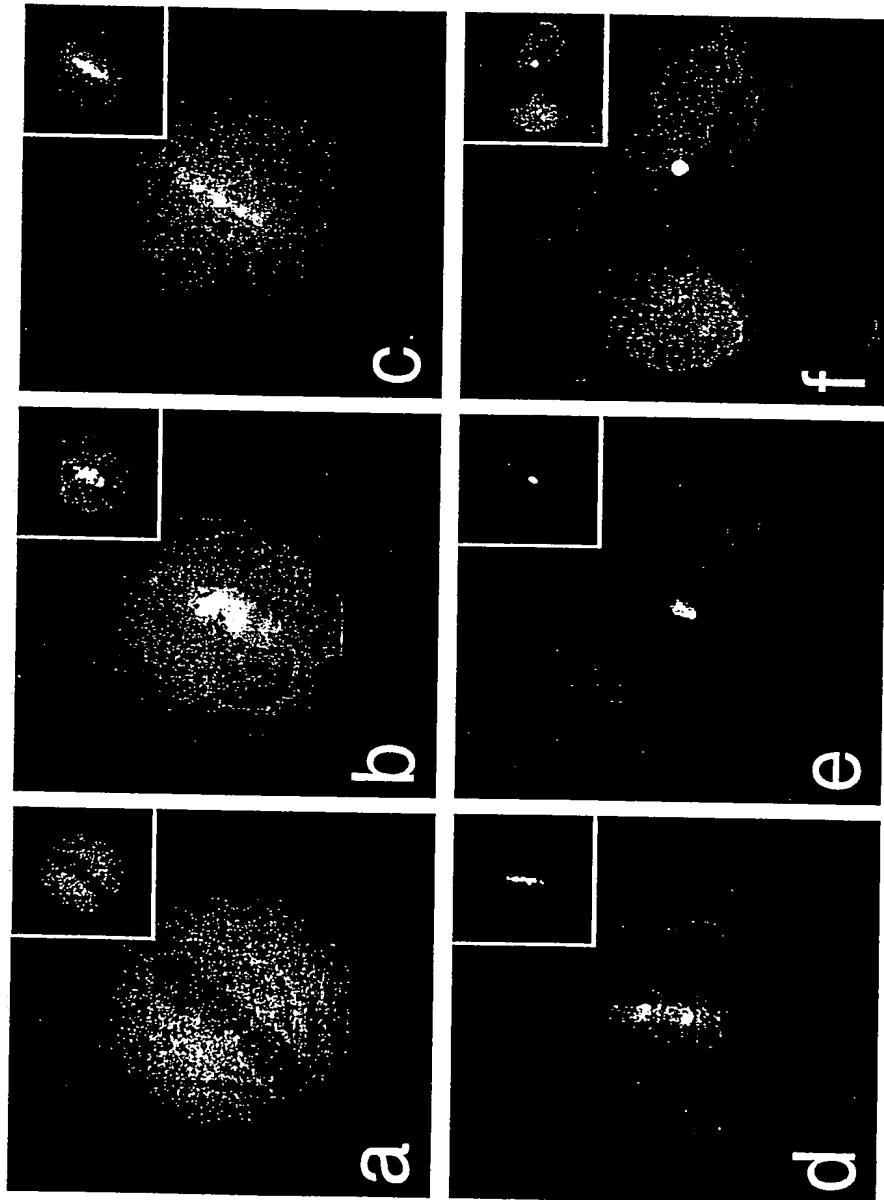


A



B

Fig. 17 B
29/32



Digitized by srujanika@gmail.com

6

Blot

input 3.4 7.1 11 19
(S value)

MKL P-1

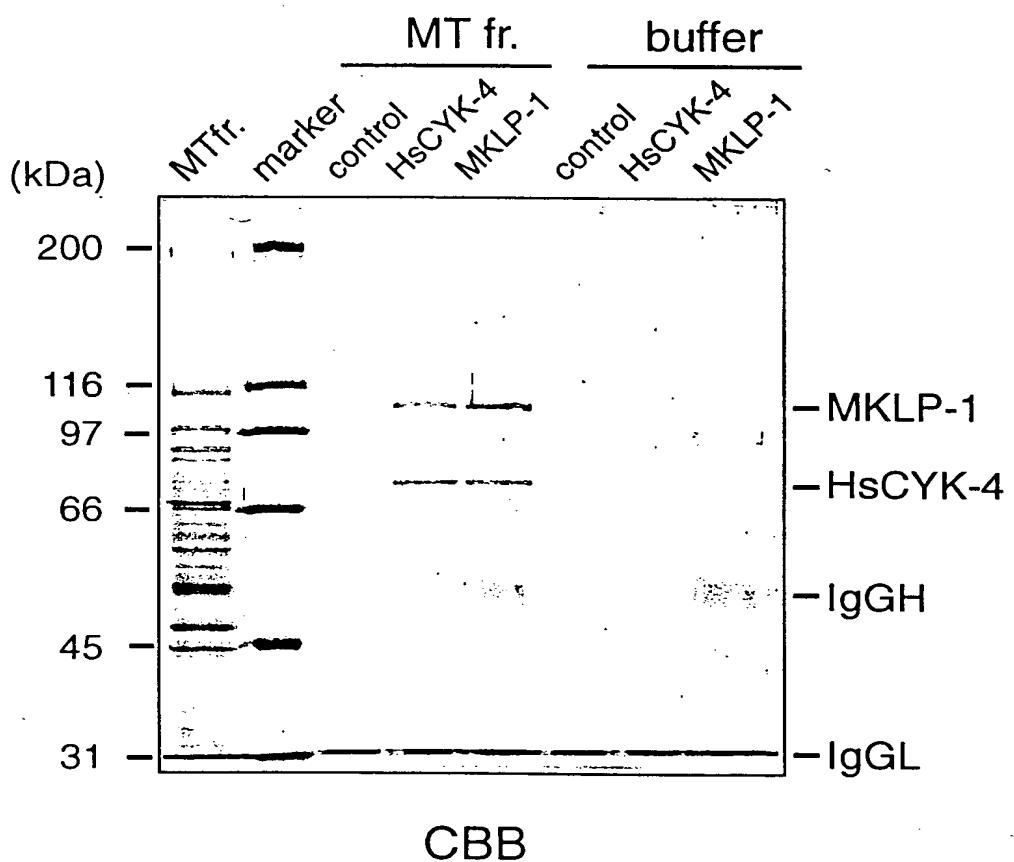
HsCYK-4

— — — — —

30/32
Fig. 17 C

31/32
Fig. 17 D

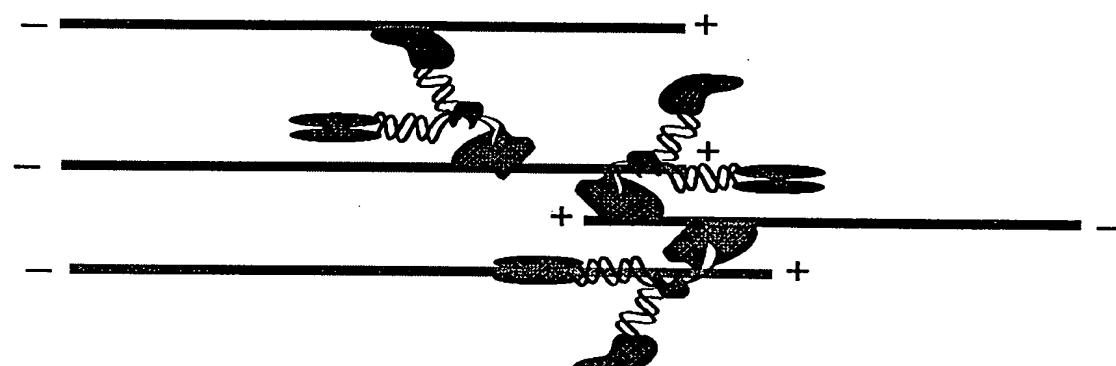
D



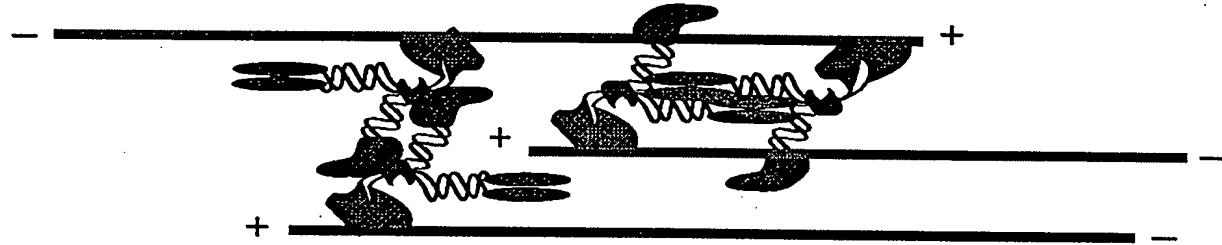
32/32

Fig. 18

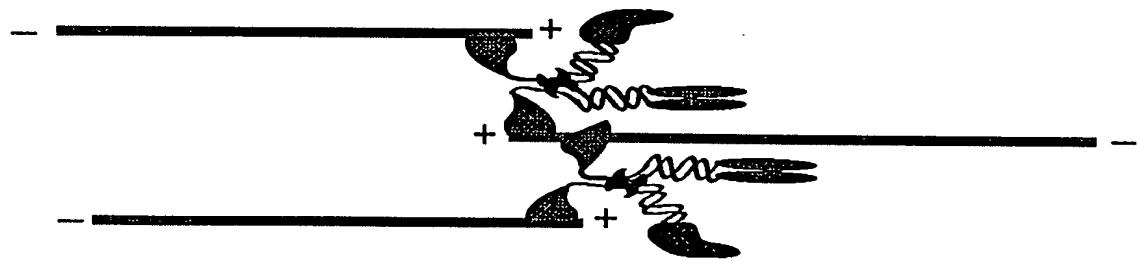
a



b



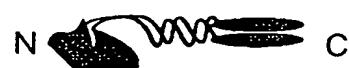
c



microtubule



CYK-4 RhoGAP



ZEN-4 kinesin